



U.S. Department
of Transportation

**Federal Aviation
Administration**

Memorandum

Subject: **INFORMATION:** Part 21, Subpart G, New
Engine Production with Used Parts

Date: October 28, 2003

From: Manager, Aircraft Engineering Division
AIR-100
Manager, Production and Airworthiness
Division, AIR-200

Reply to
Attn. of:

To: Manager, Engine and Propeller Directorate
Standards Staff, ANE-110

This memorandum addresses your request for guidance concerning new engine production with used parts under a production certificate (PC). Specifically, you have requested guidance as to whether a regulatory basis exists for newly produced engines under a PC with:

- (1) used parts from the same model, or
- (2) military surplus parts (new and/or used) which were originally produced under an Federal Aviation Administration (FAA) approved quality system.

With regard to your request, Title 14, Code of Federal Regulations part 21, Certification Procedures for Products and Parts, does not specifically prohibit the use of used and/or military surplus parts in new production engines. Products and parts produced by an FAA production approval holder are normally manufactured using new parts and components with zero time in service. However, used parts from the same model, or military surplus parts (new and/or used) may be used, with the exception of military break-out parts, as long as they, (1) conform to an FAA approved design configuration, and (2) were produced under a FAA quality system and manufacturing processes.

If necessary, an amended type certificate application should be submitted for the approval of this change to type design. The existing PC may be used with FAA approved changes that may be necessary to support this activity.

If there are any questions, please contact a member of the Aircraft Engineering Division, AIR-100 at (202) 267-9580 or a member of the Production and Airworthiness Division at (202) 267-8361.

/S/

Susan Cabler
For David W. Hempe

/S/

Frank P. Paskiewicz

